

**Central and Camelback Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board Meeting**

Monday March 20, 2006
6:00 p.m. to 8:00 p.m.
Arizona Department of Environmental Quality, Room 145
1110 W. Washington, Phoenix

FINAL MINUTES

Ref: PIOUS #06-160

CAB members present: Peter Zorbas, Pam Perry, Carm Moehle, Stan Watts and Lynn Morrow

CAB Members absent: Allene Pierce Avey and Frank Connell

ADEQ Staff in attendance: Tom DiDomizio, Project Manager; Jennifer Edwards, Project Manager;
Wendy Flood, Community Involvement Coordinator;

Members of the public present: Rich Petrus, HydroGeo Chem; Tammy Shreeve, Manager of Planning and Outreach Section; Rosanne Sanchez, City of Phoenix; Ruth Ann Marston and Jeannie

The following matters were discussed, considered, or decided at the meeting:

1. Welcome and Introductions

Mr. Lynn Morrow called the meeting to order and introductions were done as per listed in these minutes.

2. Acceptance or Changes to November 14, 2006 meeting minutes -

Mr. Carm Moehle moved to accept the minutes as written. It was seconded by Mr. Stan Watts and passed.

3. Operation and Maintenance Update and New Well Drilling -

Mr. Tom DiDomizio introduced the new project manager for Central Camelback site, Ms. Jennifer Edwards. Before updating the CAB on remediation system, Mr. DiDomizio stated that at a recent groundwater sampling event at the former Texaco station, levels of PCE over 100 ppb were detected in one of their monitor wells. ADEQ will be installing two wells one block south of the Texaco site, one on each side of Central Avenue, to determine if there are other sources for PCE groundwater contamination in the area.

Mr. Rich Petrus of HydroGeoChem presented information on the treatment system during the fourth quarter of 2005. He reported that 6.5 million gallons of groundwater were treated, which is lower than normal, due to problems that we have been experiencing with pumps. Currently only one extraction well is in operation with a flow rate of 25 gpm. During the third quarter 2005, the treatment system ran at a flow rate of 70-75 gpm. Mr. Petrus stated that in November the first of

three pumps failed, was replaced and failed again. The pump manufacturer will be coming to the site to assess the damage to the pumps. Due to the reduction in pumping the removal rates for VOCs and PCE decreased during the last quarter to 4.72 and 4.09 lbs, respectively. Since startup, the system has removed 217 pounds of VOCs and treated 124 million gallons of water.

A carbon change out was performed in February 2006 almost a year to the date of the previous change out. Mr. Petrus presented a chart showing the decline of the PCE influent concentration over time to concentrations below 100 ppb.

Future activities for the site include replacing 3 pumps, installing the soil vapor extraction system and installing two wells between the former Texaco site and the Central and Camelback site. A meeting with the City of Phoenix will be held to exchange soil and groundwater data from site activities conducted on the southwest corner of Central and Camelback. Mr. Petrus described groundwater flow and placement of the two new wells. Mr. Morrow commented on the change in groundwater flow direction. Mr. Petrus confirmed that it has changed due to a variety of factors at the site including pumping by ADEQ and the One East Camelback site and the lining of the SRP Grand canal. Mr. Watts inquired about a time frame for future activities. Mr. DiDomizio stated that access issues for the soil vapor extraction (SVE) treatment system are being discussed with the property owner and a Notice of Intention to drill has been filed with ADWR for the installation of the new monitor wells. Mr. Petrus stated a right of way application has been filed with the City of Phoenix as well. Maroney's Cleaners has moved out and left the building vacant, so the location of the SVE might change from what was previously reported.

A community member asked about the interaction between the Valley Metro Light Rail Project (Light Rail) construction and this project, like the new bridge and canal lining. Mr. DiDomizio stated that ADEQ routinely communicates with the City of Phoenix and Valley Metro Light Rail regarding the project. The bridge construction will have no effect on the project and the treatment system and pipeline were located with input and approval from the City of Phoenix to prevent having to relocate the system because of the Light Rail.

Mr. Morrow questioned information about Uptown Cleaner's role in the contamination. Mr. Petrus and Mr. DiDomizio stated that PRP investigation is on-going and the proposed monitor wells south of the Texaco will be used to determine if there may be other sources for the groundwater contamination. More discussion ensued on PCE handling practices and safeguards that are in-place. Drycleaners sites are regulated under the ADEQ Hazardous Waste program. In response to a question raised, it was explained by ADEQ that the former Texaco site is conducting sampling as required by the ADEQ's UST program. The sampling showed high levels of PCE and that prompted the ADEQ WQARF Program to further investigate the source for this contamination by installing additional wells. More discussion ensued about treatment options if the site's plume is moving north. The WQARF program has a process which evaluates current and future land and water use in the project area. These uses would determine what treatment, if any, is needed to protect for these uses.

Mrs. Flood asked (for Mr. Connell) what construction activities were happening at the site. Mr. DiDomizio stated that the City of Phoenix was doing some work for their light rail assessment and that the city was installing an irrigation line through the treatment facilities' front landscaping.

Mr. Zorbas asked if the downed pumps are affecting the time frame for the project. Mr. Pertrus stated that it is not. The pumps are getting replaced and capture zone will get reestablished. It also will not affect the time frame because pump and treat is a lengthy process. Containment of the plume is the main objective of the treatment facility and that is still being accomplished.

Mr. Watts asked about the access problems that are hindering the SVE construction. Mr. DiDomizio stated that meeting with all the relevant parties has been hard to coordinate. Mr. Mohele asked if Viacom is nervous about their liability. Mr. DiDomizio stated that they signed a prospective purchaser agreement when they purchased the property that relieved them of their liability with the state.

4. Completed Phase II Assessment Activities-

Ms. Roseanne Sanchez gave an update on the Light Rail activities at the site. She stated that irrigation work and phase two investigations for the property are being conducted on right-of-way property acquired for the Light Rail construction. The City of Phoenix installed groundwater wells and conducted soil, soil gas and groundwater sampling activities. A map was passed around that shows groundwater sampling and monitoring locations. The first map showed the right-of-way area and rail construction. PCE was found in all the wells that were installed except for two. There were no gasoline hydrocarbons found. The next round of sampling will be performed the end of March.

Mr. Morrow inquired about the how close the wells placements are to ADEQ wells. Mr. DiDomizio reported that most of the existing wells went dry, so the City of Phoenix wells are also helping with ADEQ efforts for determining the effectiveness of the pump and treat system.

Ms. Sanchez continued reporting that no PCE was detected in any of the soil borings drilled by the City of Phoenix. Gasoline hydrocarbons were found in one area by the former Weiss guys building. The City does not think any remediation will need to be done for the Light Rail construction. Another map was passed around showing soil sampling and monitoring locations. Mrs. Flood requested more copies of the map. Mrs. Sanchez reported that the soil gas investigations that were completed and those higher levels of hydrocarbons were detected near the former UST locations. These levels were indicated on the map. A final report may be ready by June or July 2006.

Mr. Morrow inquired on a timeframe for the soil cleanup. Mr. DiDomizio stated the soil does not take as long to clean up as the groundwater and generally can be completed in two years or less.

5. Voting on CAB Co-Chairs-

Mrs. Flood reminded the CAB that voting needed to take place for Frank Connell's co-chair status. Mr. Connell has expressed interest in continuing on as co-chair. Mr. Morrow officially nominated Mr. Frank Connell and it was seconded by Ms. Perry. It was voted on passed by the Board.

6. Call to the Public-

None

7. Next Meeting Date and Agenda Discussion

Mr. Flood recommend to meet on July 10, 2006 at ADEQ at 6:00 p.m. Agenda topics will include information on the proposed wells to the north, soil vapor extraction update, community

involvement plan update, general site update and charter membership clarification. Mrs. Flood informed the CAB about a questionnaire that will be mailed out for community members who would be willing to participate in interviews. Mr. Watts reminded Mrs. Flood that he needed a copy of the community involvement plan.

8. Adjournment

At 7:05